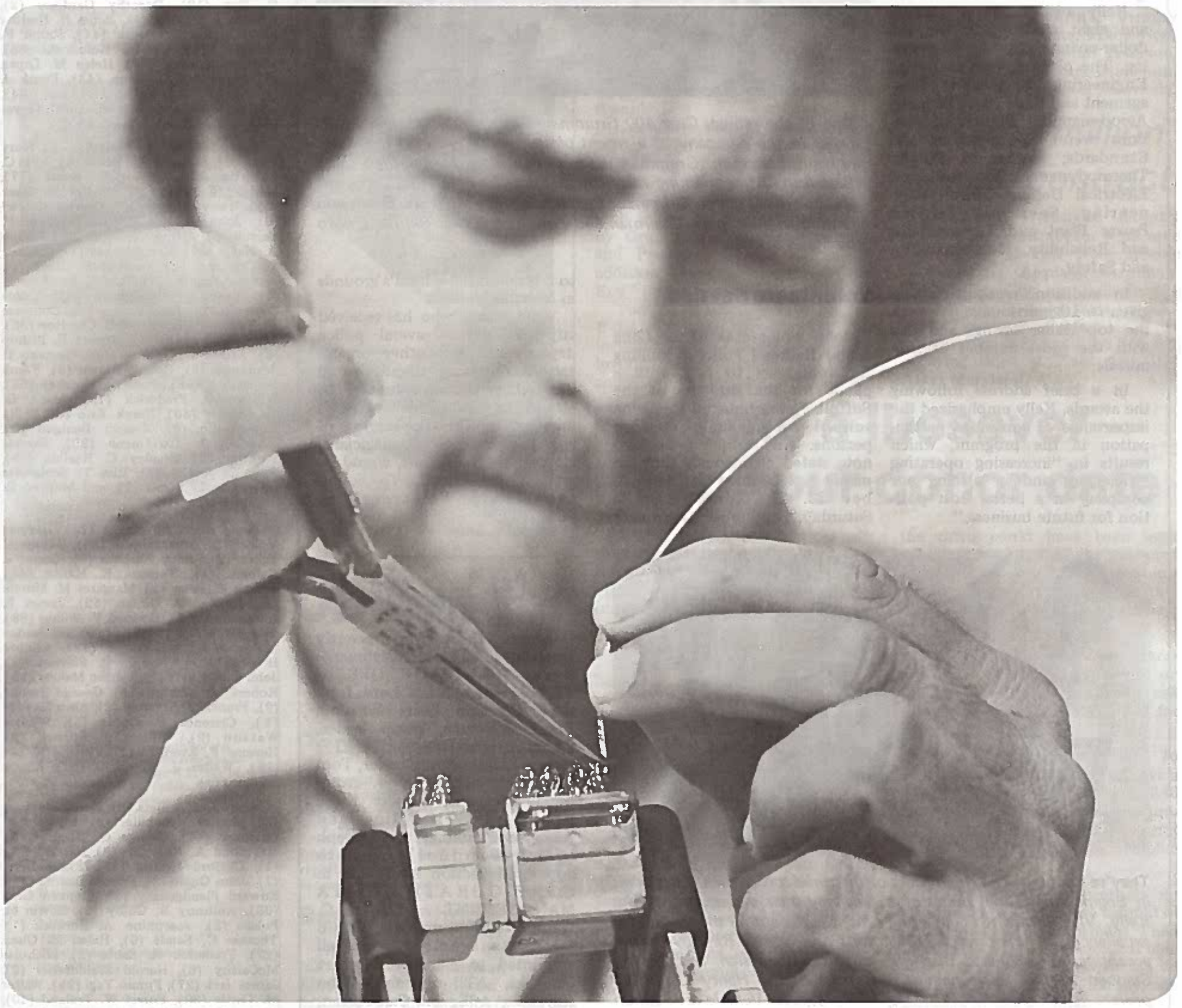
GRUMMAN

plane news

Vol. 36, No. 16, Bethpage, N.Y., September 9, 1977



Great River Operations gearing up for future -- pg. 4

people

Sixty-five cost-conscious members of the Engineering department recently attended a luncheon in the Plant 30 dining room, honoring them as participants in the Corporate Cost Reduction Program in 1976.

Engineering not only met its goal of $10-million for the year, it went on to surpass it by $7,135,172—an "exceptional achievement," according to Tom Kelly, Vice President-Engineering.

Kelly awarded three plaques and eight citations to the top dollar-savings areas in Engineering. The plaques went to Design Engineering; Engineering Management and Staff (RAVES); and Aerodynamics. Winners of citations were: Specifications and Standards; Mechanical Design; Thermodynamics; Electronic and Electrical Design; Liaison Engineering; Secretarial Services; Power Plant and Environment; and Reliability, Maintainability, and Safety.

In addition, recognition was given to 10 individuals; five with the top dollar savings and five with the most number of submittals.

In a brief address following the awards, Kelly emphasized the importance of continued participation in the program, which results in "increasing operating efficiencies and in placing our company in a better cost position for future business."

One of the crowd. *Over 400 Grummanites celebrated their anniversaries in the company at a recent pin ceremony. Among them was none other than Grumman Corporation Board Chairman Jack Bierwirth. After marking his fifth year as a Grummanite, Bierwirth shows off his pin to Grumman Corporation President Joe Gavin and Grumman Aerospace Chairman and President George Skurla. (Photo by Marie Trimborn)*

Volunteers needed

John Woloszczak of the Long Island Railroad Police is looking for volunteers to help with a picnic for the students of the Suffolk Developmental Center, a school for mentally retarded persons. An earlier Newsboard note stated erroneously that the picnic is scheduled for September 23. The correct date is Saturday, September 24 from 1 to 3 p.m. on the school's grounds in Melville.

Woloszczak, who has received support from several police departments and other organizations on Long Island, would like to have enough volunteers to attend to the picnickers on a one-to-one basis. The services of entertainers, such as magicians, clowns, and musicians, would be greatly appreciated. To volunteer, call Woloszczak at 758-9557.

They're honored. *The supervisors of the three top dollar-savings areas in Engineering are all smiles after receiving their plaques from Tom Kelly, Vice President-Engineering (2nd L). Accepting the awards for excellence for their respective groups are: (L to R) Roy Wood, accepting for Willard Bischoff, director of design engineering; Stephen Honig, Aerodynamics section head; and Henry Loshigian, project leader for RAVES (Rapid Aerospace Vehicle Evaluation System). (Photo by Jim Wagner)*

New assignments

Among those who recently received changes in assignments were: BETHPAGE OPERATIONS — Joseph LoCicero, foreman, Electron Beam Welding; Frank Schwartz, group leader, Planning; MANUFACTURING — Henry Farrar, group leader, Tool Design; Mark DiFilippo, group head, Methods; Robert Kulp, Proposal Scheduling and Advance Planning; and Joseph Ivers, Production, both appointed section head; and in CONFIGURATION/DATA MANAGEMENT — Edward C. Waters, assistant manager, EA-6B Data Management; and all appointed to manager: Norbert Osiecki, ATE Systems; John Haytaian, A6E; and Carl Anton, A6E Weapons Systems Trainer.

retirees

On behalf of their fellow workers, PLANE NEWS salutes the following men and women for their contributions to the company and wishes them well in their retirement. The next article in the PLANE NEWS series on Grumman retirees will appear in the Sept. 23 issue. Those who retired in August are:

Carl Alber (4), Marie Ambrozy (36), George E. Andrews (44), Rose Badstuebner (3), Archibald J. Black (20), Joseph A. Boltuc (3), John Boyajian (15), Harry Braun (21), John L. Browne (44), Stephen Brylinsky (24), Walter Corlett (2), Francis R. DeCesare (2), William M. Fischer (27), Louis J. Foster (2), Alfred G. Fox (12), Dorothy Gardiner (2), William J. Golden (4), James N. Hodder (30), Bertha B. Horak (44), Ralph F. Indence (44), Charles Kolonoski (88), Thomas Kondos (27), Helen M. Lapen (6), Raymond C. Lapp (43), Frank J. Lombardo (40), John J. Lynch (44), William G. McAvoy (3), William R. Meyer (94), and Anthony J. Nieckarz (2).

Also, Lincoln F. Pearsall (14), Mary Pleva (6), Kenneth W. Reeve (6), John C. Schultz (60), Victor C. Scott (77), Herbert E. Squire (6), Walter F. Stack (35), Harry Stokey (36), Charles Stewart (6), John A. Wood (2), Dominic F. Carroll (8), Arthur Cervenka (35), Joseph A. Nally (30), Carl Blahato (1), Stephen T. Grandner (2), Dodenhuff Green (2), Andrew Kmetz (27), John L. Kozikowski (1), Rosemary McCullagh (2), Victor Matuza (2), Alfred Polcek (3), Converse W. Sweetser (3), Harold B. Charlton (30), John P. Mancuso (3), Robert E. Bishop (6), Arthur W. Gilmore (39), Gaetano T. Scandurra (2), George Slovik (3), Frank D. Barlup (58), Hans R. Stocker (66), William C. Frederick (15), Maria G. Shoemaker (40), Frank Kito (6), Philip Benardello (3), Joseph Benigno (2), Charles J. Hoffmann (20), Everett Loeffler (2), Stanley C. Raeihle (35), John L. Rucky (2), Rita T. Schiavetta (35), Harold Stroh (2), and Mildred D. Thompson (2).

And, Elena M. Kranz (25), Herman Voight (2), Stuart Smith (15), George A. Feher (2), John Kashata (2), James J. Kalman (1), Thomas E. Mason (44), Joseph B. Pena (2), Margaret M. Morelli (2), Robert W. Gibian (52), James E. Lundstrom (52), Howard V. Wilbur (88), Tracy T. Miller (30), Kenneth H. Worden (36), William Ziegler (12), Clinton Hollings (27), Joseph T. Stewart (2), John E. Conover (5), Warren Maurer (25), Robert W. Knappe (12), George Sechko (2), Francis J. Savarese (2), Alois Hayden (5), Clarence F. Cootz (4), William Watson (2), William J. Stumpf (2), Herman F. Evert Jr. (2), Vincent K. Lee (15), Walter J. Kowalski (52), Curtis Williams (5).

And, Jack A. Betz (2), Robert Jackson (2), Charles Wessmiller (2), Leonard E. Ormaner (44), George O. Granros (5), Raymond A. Hiller Jr. (8), Harry Verity (1), Clifford Hinton (37), Frank Berni (1), John Giglio (2), Francis Laurita (14), Edward Piendgensky (2), Stephen Gray (36), Anthony B. Colby (2), Edwin M. Polese (3), Josephine A. Horneck (1), Thomas C. Sands (6), Helen M. Olsen (27), Frederick R. Sabia (2), Nicholas McCarthy (6), Harold Stuhldreher (2), James Jack (27), Fumio Yagi (25), Walter M. Castle (30), Forest W. Truland (40), Marius Russo (30), Henry L. Burkhardt (3), Aubrey Bornscheur (3), and Edward F. Milko (43).

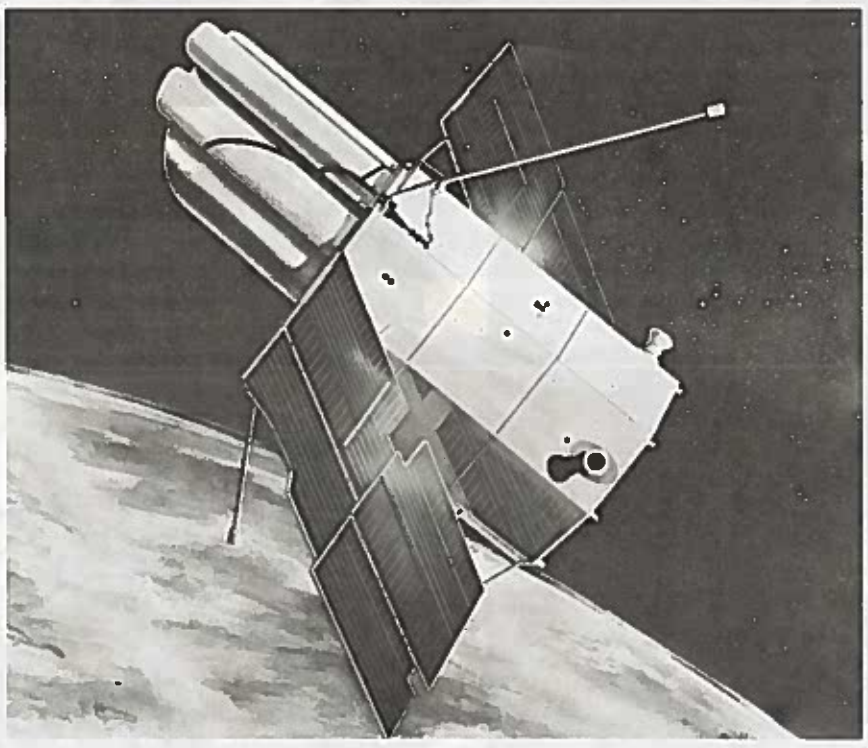
Copernicus marks fifth anniversary

Built by Grumman Aerospace for the National Aeronautics and Space Administration (NASA), the Orbiting Astronomical Observatory, OAO-3 Copernicus, launched in August 1972 and designed to operate in space for one year, has been aloft now for five years. Copernicus has travelled over 732-million miles, logging 26,430 earth orbits. Its systems have been available 98.25 percent of the time for experimentation.

Copernicus has provided the scientific community with an extremely reliable and efficient observatory, delivering unique scientific data—such as the study of 25,000 stars and the measurements of oxygen and ozone in the upper atmosphere—back to earth. Copernicus has observed Mars, Jupiter, Io (one of Jupiter's moons), Saturn and Titan (one of Saturn's moons), as well as several comets including Kohoutek.

Scientists from the United States and around the world have used the Princeton University telescope, the principal instrument aboard the OAO, for various experiments. The demand for observing time is now at its highest level since the August 1972 launch.

Copernicus demonstrates on a relatively small scale the potential and practicality of other larger orbiting laboratories and observatories planned for the Space Shuttle era.



GRUMMAN plane news

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obituaries

JOSEPH E. AHERN of Production, Plant 88, died August 22 at the age of 57. He had been with the company since 1958 and resided at 530 Calle LaRoda, Camarillo, Calif.

Personals

I would like to convey my thanks for the wonderful get well card that was signed by so many old friends. It had such great sentiment to it that it really "made my day". It was great hearing from everybody, and I am recovering so rapidly that I feel better than I have felt in years. Corky Meyer

Back to school

Application forms and general rules for the Grumman Tuition Reimbursement Program are now available at all Employee Service (ES) offices and Field Service Administration offices.

They've got 'gold key' to Pride of Workmanship

By hitting their Level Four performance "target" for 28 consecutive weeks, 115 Grummanites at Calverton recently received the Pride of Workmanship President's Award.

Executive Vice President Ralph "Doc" Tripp (shown above), along with Pride of Workmanship directors Joe Kingfield and Bill Voorhest, personally presented each achiever with a citation signed by Grumman Aerospace Chairman and President George Skurla. In addition, each received a "Gold Key" tie tac or pin.

The 11 Plant 6 groups on the F-14 Tomcat production line included teams headed by the following people: foremen Tom Butler and Steve Congro; and leadmen Bill Baum, Thea Bunns, Jimmy Garraffo, Alex Hynna, Frank Neri, Richard Panse, John Peterson, George Rottner, George Stapleton, Alvin Stark and Bernard Zukowski.

Get $2.7 million Boeing contract

Grumman Aerospace recently won its first contract for work on a commercial aircraft from Boeing Commercial Airplane Company. The $2.7 million pact calls for the manufacture of wing skins for Boeing 747 commercial jets.

Grumman will build the 245 sets of wing skins at Plant 56, Glen Arm, Maryland.

Become a lifesaver -- Keep your donor date

Inter-County Blood Services calls the small adhesive bandage that donors end up with on their arms a "badge of honor." People who save other people's lives, they feel, are worthy of honor. That's what blood-donors do.

Since the blood donor program began at Grumman last October, over 2,600 Grummanites have contributed. "This is not only a significant contribution by the men and women of the company to the program, but it makes Grumman a major contributor to the Inter-County Blood Services," says Harry Volz, deputy director of Security and Personnel Services.

Because of these generous Grummanites and thousands of donors in the community, accident victims often survive, hemophiliacs are able to live, surgeons can perform open-heart operations, and people suffering from leukemia can have a better life.

Even though so many Grummanites have contributed, Volz says the drive could have been even more successful if all the expected donors had kept their appointments. Important reasons can prevent a person from keeping a scheduled date.

Whenever that happens, donors are asked to follow the advice on their appointment cards and call Employee Services at Ext. 3391 for a new time.

Keeping your appointment to earn that badge of honor can save a life. Grummanites pledged 540 pints of blood a month to the program — so almost half are not honoring their promises, emphasizes Volz.

Donors not only help others but also themselves. They are assured of unlimited blood replacement. Their husbands, or wives, dependent children, parents and grandparents on both sides of the family are included in this coverage.

Keep your donor date — be a lifesaver.

Great River Operations expanding its hor

New products, new markets. That's the key to any company's future.

Since 1974, Grumman Aerospace has been developing a highly marketable commodity— the production of electronics at Great River Operations.

"The prime factor in future growth of Grumman at Great River is marketing our proven expertise in electronics manufacturing," says Bruno Caputo, general manager of Great River Operations.

Three years ago, the company decided to consolidate its electronics production activities and established Great River as a responsibility center. (Although there is some electronics manufacturing in Bethpage, Calverton, and Stuart plants, the bulk of Grumman's electronics production is performed at Great River).

Consolidating electronics production under one roof has paid off. During its first year of operations, Great River produced $42-million of avionics and ground support equipment. This year, the facility will produce over $63-million worth of equipment—meeting all schedule, budget, and quality performance targets.

In March 1977, Caputo took over the reins as general manager from Norm Reinertsen, who was named a vice president of Grumman Allied. "Basically, I've tried to steer the same course as Norm and Great River's first general manager, Doc Tripp," says Caputo.

"At Great River, we say, 'you're the expert; you should be the authority on your particular job because you know the best way to do it.' "

The result has been "a terrific camaraderie among our people and a team approach to production performance and quality, which have improved steadily since 1974.

"The performance of the aircraft—and the safety of the people who fly them—depend on how well we do our jobs here," says Caputo. "And our people at Great River are proud of the job they do and of the product they turn out."

Although it is relatively young, Caputo feels that Great River's importance to the rest of the company is increasing.

"We have the technical capability to produce many of the electronics requirements that engineering now orders from the outside. Great River has some unique — and high marketable production capabilities in the box and panel, printed circuit board assembly, harness fabrication, final assembly and test shops.

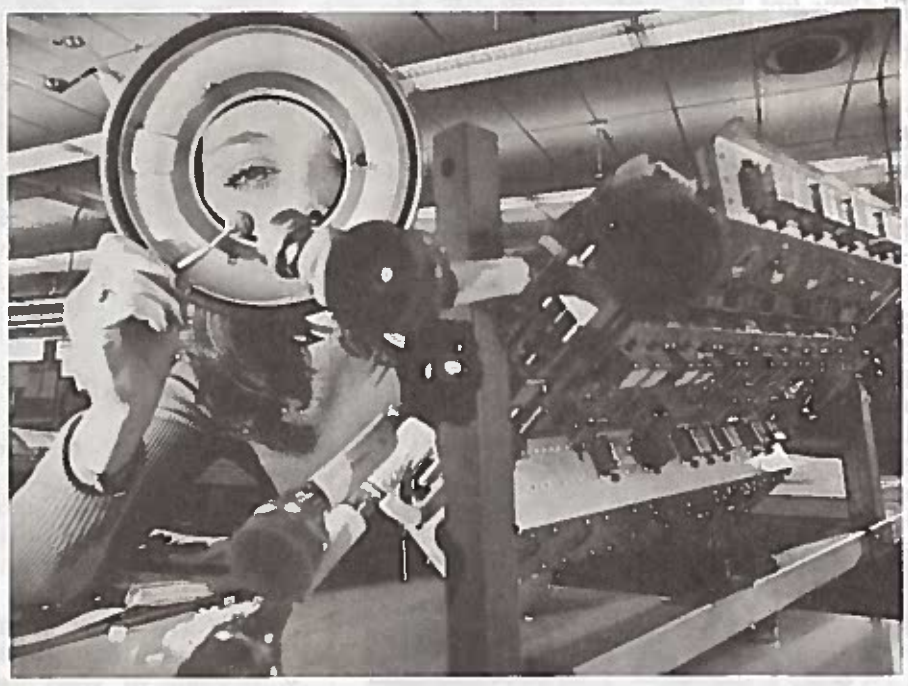
"Because of this, we've been able to change several hardware 'buy' to in-house 'make' decisions.

"Great River has no intention, however, of supplying the prime hardware for those highly sophisticated systems normally produced by Grumman's traditional partners, such as Litton, Raytheon, Hughes, etc. The approach at Great River is to fabricate and supply the general aircraft and GSE electronics needed to support those major systems."

To Caputo, Great River, with its proven expertise in supplying electronics for Grumman's high quality products, has a promising future in the subcontract world. Efforts are now underway to promote Great River's manufacturing capabilities in three market areas: aerospace-related firms, government agencies, and the commercial sector.

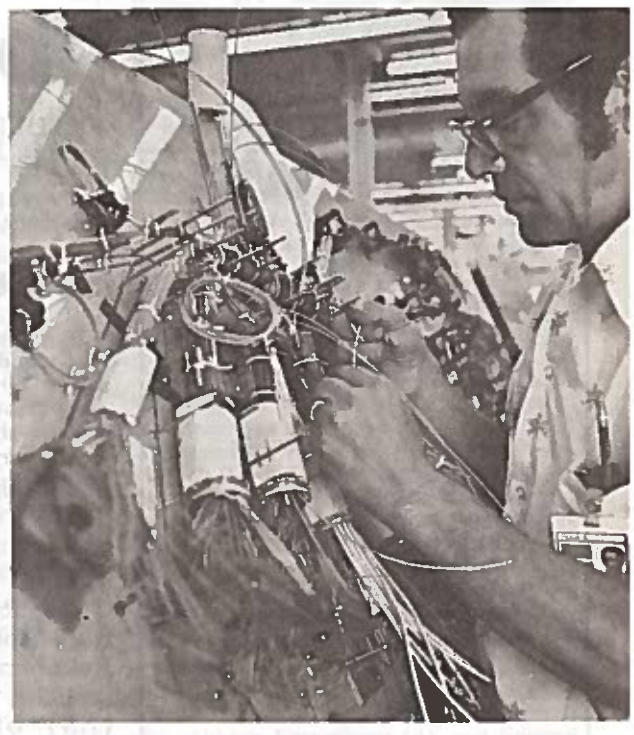
And it's already begun to happen.

PRD Electronics in Syosset is a customer for Great River's printed circuit board coating process. While other electronics companies are spraying or painting on a substance to protect elec-



Braiding machine. *As a cable is fed into the center of the web, the braiding machine—like a big, automated spider—spins a sheath of protective covering all around it. The braiding protects the cable from heat and friction damage.*

New capabilities. *Great River's new automatic component loading machine represents a big step forward. Ordinarily, components must be hand-placed by technicians. This machine will do it automatically as Great River moves into high quantity production.*



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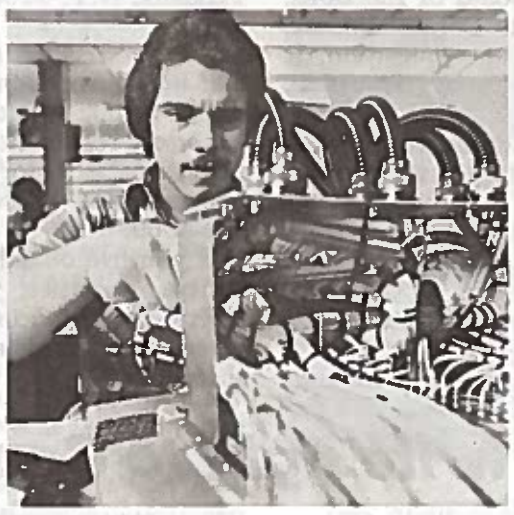
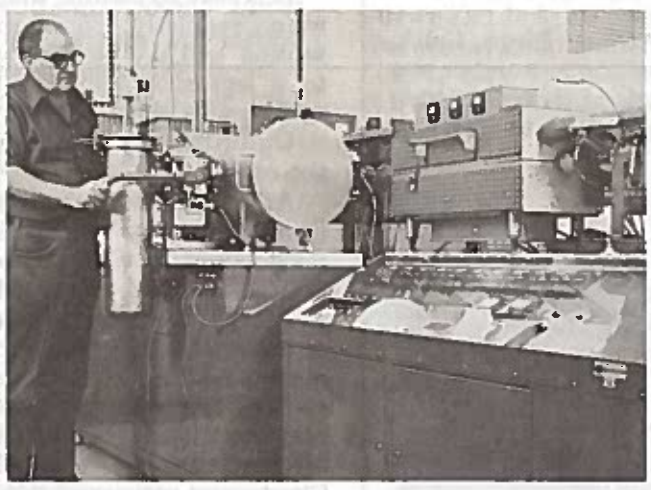




Photos by Rich Breunig

Plastic overcoat. *Through a unique, vapor vacuum process, the conformal coating machine protects components from salt spray and humidity with a microscopically thin layer of plastic.*

Communication the key. *'The Monday morning meeting is an important part of our operation here,' says Caputo. 'It's our time to review the problems and achievements of the previous week, and set our goals for that week and the weeks to come.'*

tronic components from salt spray and humidity, Great River applies a microscopically thin protective layer by a special vapor vacuum process. This process not only provides reliable protection, but is economical and safe to apply.

Government agencies such as the Air Force, Army and Navy are prime targets in Business Development's marketing plans for Great River. "One example is Hill Air Force Base in Utah which awards several million dollars in electronic subcontracts every year," states Caputo.

Commercial ventures

A third area of business opportunity will be the commercial sector.

"There's always been some apprehension about a government contractor venturing into the commercial field. . .a general belief that you can't be competitive. Great River does not think that is the case with electronics—we feel that we can be competitive," says Caputo. "The high technical requirements in government work also exist in many commercial industries, such as energy, communications, and computer services."

For example, Great River, working with Grumman Houston Corporation, recently received purchase orders for approximately 1,500 printed circuit board assemblies from petrochemical companies based in Texas.

"Of course, our main business will always be providing electronics for Grumman products," emphasizes Caputo. "In fact, the reason we believe we can be a successful subcontractor is that we have had to constantly be moving into the next state-of-the-art when building Grumman Aerospace products."

Great River has the facilities and technological expertise to vigorously pursue tomorrow's challenges in electronics. But most important, it has a dedicated team with a can-do attitude.

Take Beverly Ray, who works in Harness Fabrication. Pointing to a sign that states how many days it should ideally take her to complete a cable, she says, "My target is five days. I can do it in four— we do everything better here."

Inside view

Great River Operations is located adjacent to Sunrise Highway in Great River, on the south shore of Long Island. It employs over 1,300 people in two main buildings—Plant 43 and Plant 44. Approximately 900 work in manufacturing, and the remainder in management administration and engineering.

"We are dedicated almost exclusively to manufacturing," says general manager Bruno Caputo. The facility houses the following functions: sheet metal manufacturing; printed circuit board fabrication and assembly; electronic subassembly; electronic test; final assembly; wire preparation; and cable and harness fabrication.

A Material and Procurement Department provides the facility's support for resident requirements planning, purchasing, receiving, stocking, inventory management, and kitting.

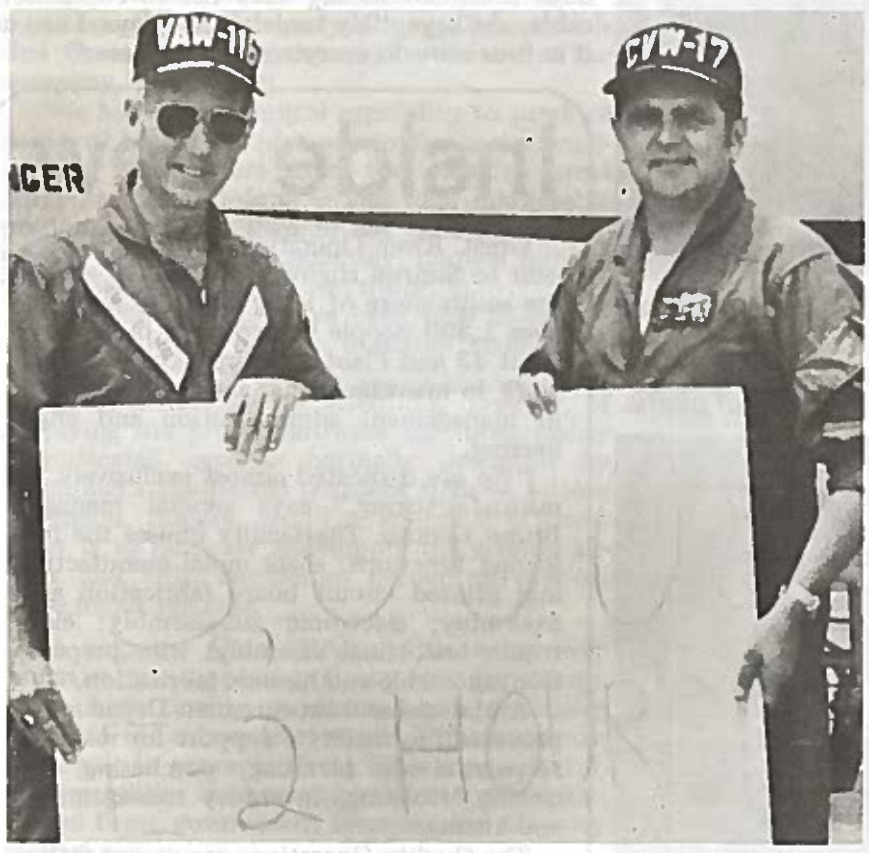
The Quality Operations group, consisting of Quality Engineering and Quality Control, oversees the manufacturing of all Great River products, right through to final checkout.

Boomers hit safety milestone

The VA-165 Boomers are quite an outstanding A-6 Intruder community.

Recently aboard the USS Constellation CV-64 as part of the Air Wing Nine on a western Pacific tour, the Boomers established an unprecedented milestone for medium attack squadrons by flying seven years accident free. Accomplishing that feat entailed flying over 30,600 hours without an accident.

Said Vice Adm. R. Coogan, COMNAVAIRPAC-San Diego, Calif., "This outstanding achievement cements your position as number one in safety within the TACAIR community. Records of this magnitude are possible only through the professional and dedication to safety of all hands — past and present."



Keep on flying'. *Cdr. Don Gingles (L) recently logged his 3,000th flight hour in the E-2 Hawkeye.— the first naval officer to hit that milestone. When the commanding officer of VAW-116 landed his Hawkeye at Roosevelt Roads, Puerto Rico, Cdr. F.J. Metz (R), CAG-17, was one of the first to congratulate him.*

Exercise your right as citizen; register now to vote Nov. 8

Ever feel guilty on Election Day when you can't exercise your right as an American citizen because you're not registered to vote? Though there are several proposals in Congress to establish same-day voter registration, as the law now stands you must register ahead of time.

Here's a short rundown on registration procedures on Long Island:

Nassau County — Write to the Nassau County Board of Elections, 400 County Seat Drive, Mineola, N.Y. 11501, for an application. It must be returned by Thursday, October 11.

According to the Board, it is too late for residents to register in-person at Board headquarters, but there will be in-person registration on October 13 and 15 at your local polling stations. Check your local newspapers for time and place.

If you expect to be out of town on Election Day, you may request an absentee ballot. Deadline is 10 days prior to Election Day. If you wish additional information, call the Board of Elections, 535-2411.

Suffolk County — Local registration will take place on Friday, October 14 from 4 to 8 p.m. and on Saturday, October 15 from 2 to 9 p.m. at local polling stations. You have until October 11 to register by mail. Write to the Suffolk County Board of Elections, Yaphank Ave., Yaphank, N.Y. 11980 for an application.

If you wish an absentee ballot, the Board recommends that you apply by mail as soon as possible. In-person registration deadline has already passed. For more information, call the Board of Elections, 924-4300.

If you live outside of Nassau and Suffolk Counties, your Board of Elections is listed under the county government agencies in the telephone book.

How to write right to Congress

It is easy to assume that someone who regularly communicates in writing will say just the right thing to a legislator, and that the letter will receive the attention it is due.

Unfortunately, that is not always the case.

Any letter written, regardless of its subject, or by whom it is written, must compete with not only other points of view expressed on that subject, but letters on other topics. A representative, senator or staff person reading a letter on pending energy legislation, for example, may have just finished digesting a memorandum on national defense. Clarity and conciseness are essential if your letter is to compete effectively for attention with other correspondence.

The following are a few guidelines you might find helpful when writing to an officeholder:

Timing is important: Communicate your position on a bill before the final vote, while it is still in committee.

Don't use threats. If someone wrote to you asking that you consider a certain viewpoint, or help with a particular problem, and then closed the letter with a threat, you probably wouldn't be very sympathetic to the request. Don't expect an officeholder to react any differently.

Clearly identify yourself. If you are writing as a private citizen, indicate so and give your home address. Be sure a return address appears on the letter in case the envelope is discarded.

Keep to one subject. A multi-subject letter tends to dilute the impact of your point-of-view. Limiting your letter to one item makes it easier for the official to deal with your request.

Try to be brief. A long letter is likely to be set aside to be read when "there is more time," thus delaying any anticipated action by the official. Try to keep your letter to one page, or two pages at the most.

Get to the point. It is best to summarize your position or problem in the opening paragraph, using the balance of the letter to explain your views.

Be factual. Avoid using arguments that cannot be substantiated with facts. You will hurt your creditability in future dealings with your representative.

Personalize the argument. If you're writing about a legislative proposal, explain how it affects you, your community, or your business. It is difficult for a public official to base decisions on abstractions. Give examples that illustrate your point of view.

Use proper references. If writing about legislation, refer to the bill number and the subject to which it pertains. Often there is more than one measure dealing with a particular subject.

New phone number?

If your telephone extension has been changed within the past six months, please call Ext. (111) 3003 and report the change.

scorecard

At the halfway mark in the 1977 L.I. Industrial tennis league, the two Grumman varsities met for the first time. Both squads shared the 1976 Long Island crown. This season, they are determined to wind up in the winner's circle again — only this time 'round, alone.

At the first meeting of the rivals, the Gold's number one team of Gus Spyridon and Bill Jaklitsch defeated Andy Kaufman and John Hsu, 7-5, 6-2, 6-2. (For the past two years, Gus and Bill have been undefeated in league play.)

The number two match saw the Blue's Tom Guarino and Alex Kirillin administer a 6-1 beating in the first set only to be edged out of the victory circle, 3-6, 3-6, by Dick Kline and Craig Langwost.

On the number three court, the Blue's Joe DiStefano and Jay Leng beat Norm Dvoskin and Gerry Fogel, 7-5, 3-6, 6-2.

Under the league's scoring system, a team win is determined by the sum of all games won and lost during the match. The Gold net squad won 45-37. That dropped the Blue varsity out of first place and into a second place tie with their fellow Grummanites.

In the following match, the Gold Team beat Powers Chemco, 54-20. The victory moved them into a first place tie with Photocircuits. Meanwhile, the Grumman Blue lost by two points in a match against Photocircuits. They remain in a second-place tie with Brookhaven. Six more matches remain in the 1977 season.

Net royalty. *Winners of the third annual GAA mixed doubles tennis classic are Dick and Molly Kline. The tennis couple claimed the 1977 title by defeating Philip and Bernice Goldberg in the finals, 6-3, 6-2.*

Booters needed

The Grumman varsity soccer team is holding tryouts and practice sessions during September every Wednesday at 4 p.m. at the South Oyster Bay Road fields. New players are invited. For more information, call Otto Stanaitis, Ext. (115) 3761 or Joe Rietschlin, Ext. 4092.

Net winners. *Mary Mickol (L) and Irene Gentile joined forces recently to capture the second annual GAA women's doubles tennis crown. In the finals, they defeated the team of Marie Wood and Barbara Trapani, 6-2, 6-4.*

Over 130 Grummanites journeyed to the Pine Hills Country Club in Manorville on Thursday, August 4, for the annual GAA golf kickers' tourney — and they weren't disappointed. The course's lush fairways and rolling greens provided a challenge for all tourney entries. Not one golfer scored in the 70's.

So when tourney director Mike Cherry announced that Don Chalich carded an even 80 for low-gross honor, the crowd gave Don a big hand. Hal Lessmann captured low-gross trophy in the men's senior division by shooting 84.

Top female golfer of the all-day event was Frieda Giacona who finished with a low net of 73. Ken Prager won low-net honors for men with 72, while Frank Link earned low-net in the men's senior division with 73.

In the special event competition, Dan Pierce drove the ball 251 yards on the ninth hole to win the longest drive contest, while Cliff Wright's shot on the par-3 140-yard third hole came to rest one foot from the cup to win closest-to-the-pin honors.

Others who received a round of applause from fellow golfers were: Danny Pierce, 2nd low-gross for men (82); Jim Voneschen, 2nd low-net (72); and Elena Semertgis, 2nd low-net for women (74).

After tourney prizes were presented by GAA director Bob Benn, attendees took turns in drawing for the kickers' prizes that ranged from putters to golf shirts.

Billiards, anyone?

On Wednesday, September 15, there will be a kickoff meeting for all Grummanites interested in playing in the GAA pocket billiards handicap league this season. The meeting will be held at the House of Lords Billiard Hall on South Oyster Bay Road, at 5 p.m.

If you are interested in attending, please contact Mike Cherry, GAA, Ext. 2133.

Wanted: keglers

The Gold Mixed bowling league is looking for keglers for the 1977-78 bowling season. The 30-week league will begin Wednesday, September 7, at the County Line Lanes, Farmingdale, at 6:30 p.m. If you are interested in playing, call Gene Harms, Ext. 6854.

Many of the GAA-sanctioned bowling leagues are about to begin their season and need keglers. Call Herb Mahoney, GAA, Ext. 2122 or 2269 for more information.

Army tix

Tickets to the Army-Colorado football game slated for October 1 are now on sale at the GAA office. Admission is $7 per person. Bus transportation to the U.S. Military Academy at West Point costs $5 per person. For additional information, contact GAA, Ext. 2133 or 2269.

Let's go Mets!

The last Grumman night at Shea Stadium for this season is Friday, September 23. GAA is offering discount tickets — $4.50 per person — to the New York Mets-St. Louis Cardinals baseball game. Seats are in the mezzanine. For an additional $2, Grummanites can ride the bus that leaves the Plant 3 parking field at 5:30 p.m. For more information, call the GAA office, Ext. 2133 or 2269.

calendar

AIAA: Thurs., Sept. 15, 7:30 p.m., Holiday Manor, Hicksville Rd., Bethpage; L.I. Section; guest speaker: Dr. Rene H. Miller, pres. AIAA, chairman Aero Dept., MIT — "AIAA and the Future of Aerospace;" all welcome. S. Kalamaris, x7470.

Aikido Club: every Mon. and Wed., 5:15 p.m., Pl. 35 cafe; for sport and self-defense; L.I. Aikido Federation; all guests welcome. B. Bauman, x7856/M. Stock, x7417.

Alcoholics Anonymous: every Mon., 5 p.m., Pl. 39, classroom 1; closed meetings. Personnel Relations, x3521; Calverton: every Mon., 4-5 p.m., Headquarters Bldg.; Great River: every Wed., 4-5 p.m., Pl. 43 conference room 3.

Amateur Radio Club: Wed., Sept. 21, 5 p.m., radio shack, roof of Pl. 5; business meeting; all welcome. J. Courtney, x2536.

American Production and Inventory Control Society: Sat., Sept. 17 (all day), Hofstra U.; local chapter; guest speaker: George Plossl — "What Really Runs the Factory"; all welcome. N. Heilweil, x2250.

Fencing Club: every Mon., 4:30-6:30 p.m., Pl. 30 cafe; instruction and competition. P. Chaldaris, x4331.

Folk-Dancers Club (Calverton): every Tues. and Thurs. cha-cha and hustle lessons, every Wed. ballroom dancing, lunchtime, receiving area, Pl. 6; all welcome. V. McGoey, x(117)6770.

Grumman Cycle Touring Club: 2nd Mon. of every month, Pl. 28 auditorium, 5 p.m. G. Hilton, x8053.

Grumman Dance Club: every Wed., 5-8 p.m., Pl. 30 cafe; Sept. 14 fox trot/Sept. 21 social; friends and relatives welcome. E. Murway, x3537/M. Brown, x(115)3777.

Grumman Model Railroad Society: every Wed., 5:30-9:30 p.m., Model RR Bldg. (at Pl. 3 rr crossing); regular meeting; guests welcome. R. Muntz, x8101.

Grumman Tennis Club: 1st Mon. of every month, 5 p.m., Pl. 28 auditorium. W. Wilson, x7819.

Grumman Toastmasters Club: Wed., Sept. 21, Pl. 25 conference room; public speaking, training, and evaluation; GAC and affiliated gov't. personnel. H. Blumenthal, x2706.

IEEE L.I. Section: Wed., Sept. 28, 8 p.m., PINY, Rte. 110, Farmingdale; premeeting dinner at Crow's Nest Restaurant; guest speaker: Robert D. Briskman, ass't. v.p., Space and Information Sys., COMSAT Gen. Corp.; all welcome. D. O'Donnell, x5756.

IEEE Reliability Section: Tues., Sept. 20, 7:30 p.m., IEEE Hq., 345 E. 47 St., NYC; metropolitan NY reliability chapter; guest speaker: Robert Gauger, Holms and Narver — "The Facts About Nuclear Power"; all welcome. J. Drvostep, x(115)3530.

IES: Thurs., Sept. 29, Antun's, Hicksville, cocktails 6 p.m., dinner 7 p.m., presentation 8 p.m. (reservations required); NY metropolitan chapter; guest speaker: Ken Speiser, manager of Energy, Grumman Energy Sys.; all welcome. J. Popolo, x6704.

The National Secretaries Assoc (Intl.): Thurs., Sept. 15, 6:30 p.m., The Polish Independent Club; all chapters; presentation on ERA; all welcome. E.M. Gaias, x(117)7397; also, seminar on "The Secretary's Professional Development"; Sat., Oct. 1, 9:30 a.m.— 12:30 p.m., Shoreham-Wading River High Sch., Rte. 25A, Shoreham; speaker: Mrs. Angeline Krout, CPS. Glen Burnie, Md.; registration fee $5.

Tourney registration

Entry form

☐ Paddleball ☐ Horseshoe — Single ☐ Horseshoe — Doubles ☐ Handball — Single ☐ Handball — Doubles

Name_____ Ext. _____

Plant_____ Dept._____ Perm. No._____

Partner's Name:_____ Ext._____

Plant_____ Dept._____ Perm. No._____

Submit to GAA, A-1
no later than September 23

Register now for autumn tourneys

The annual GAA horseshoe, handball and paddle ball tournaments begin Monday, October 3, says Herb Mahoney of GAA. Action will take place north of Plant 3.

All entrants must register by Friday, September 23. Singles and doubles competition will be held in both horseshoes and handball. If you wish to enter, fill out the registration form below and mail it to GAA, A-1, no later than September 23.

Credit Union notice

Hurdman and Cranstoun, Certified Public Accountants, acting on behalf of the Supervisory Committee of the Bethpage Federal Credit Union, recently forwarded confirmation requests about share and loan balances to members whose permanent numbers end with an even digit.

This is a routine audit operation prescribed by Federal regulations for protection of the members. If the final digit of your permanent number is even and you did not receive a confirmation request, please write your name, permanent number and telephone extension in the space below and submit it to: Hurdman and Cranstoun, Plant 30.

Name_____ Permanent No._____ Ext._____

GAA offering gamut of trips

Planning an autumn weekend mini-vacation? How about a holiday excursion? The Grumman Athletic Association is offering a wide selection of vacation packages. Here is just a sampling of the 1977 trip packages:

DANBURY FAIR — On Saturday, October 8, Grummanites have the opportunity to journey to the festive Danbury Fair in Connecticut. Fare for the one day excursion is $14 per adult; $13 per child under the age of 12. Included in the package is round trip bus transportation, admission to the fairgrounds, and tickets to the grandstands. Tickets may be purchased at the GAA office (adjacent to Plant 2).

WESTERN WEEKEND — GAA is also planning a weekend excursion to Roaring Brook, Lake George. The September 30 — October 1 weekend package costs $79.75 per person (with four to five people per room), $84.75 each (three persons per room), and $89.75 per person based on double occupancy. Included in the package are round-trip bus transportation; breakfast and dinner, both Saturday and Sunday; happy hour; heated indoor pool, tennis, basketball, volleyball, etc.; evening entertainment; taxes and tips. Horseback riding costs $5.50 per ride.

THANKSGIVING — There are still openings in the two Thanksgiving week vacation packages. The Acapulco trip, slated for November 18-25, costs $456 per person based on double occupancy. The trip to Rome, scheduled for November 20-28 is $449 per person.

On guard. *The Grumman Fencing Club welcomes all Grummanites and their family members every Monday evening at 4:30 in the Plant 30 cafeteria. For more information, call Peter Chaldaris Ext. 4331. (Photo by Rich Breunig)*

GRUMMAN plane news

ADDRESS CORRECTION REQUESTED

BULK RATE
POSTAGE PAID
HICKSVILLE, N.Y. 11802
PERMIT NO. 1110

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